

**SECRET**

25X1

Monthly Report

PAR 245

31 Oct 66

SUBJECT: BPE High-Magnification Lens Sets

TASK/PROBLEM

1. Design, fabricate and test prototype optical systems to extend the Briefing Print Enlarger (prototype) PAR 243A, upper limit magnification range from 60X to 140X - 160X.

DISCUSSION

2. The optical designs for both of the objective lenses were issued for mount design and fabrication of the lens assemblies.

3. The optical design of the second condenser system was completed.

4. It was found possible to use the available Focus Assembly design for the 40X to 60X lens (Lens "F") for both of the new High-Magnification lenses.

PLANNED ACTIVITY

5. During November:

a. Release the condenser optical design for the preparation of fabrication drawings and issue authorization to fabricate two (each) sets of condenser lenses.

b. Issue the objective lens mount (focusing) assembly drawings for fabrication of the units required by this project.

**Declass Review by NGA.**

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